

Two refereed journal publications have resulted from the research supported in the contract. The first, as is noted below, is under revision for *J. of Heuristics* while the second is to appear in a special issue of *J. of Combinatorial Optimization* on optimization problems associated with aircraft.

1. "Reactive Tabu Search and Sensor Selection in Active Structural Acoustic Control Problems," (with K. Laba) under revision for *J. of Heuristics*.
2. "Quelling Cabin Noise in Turboprop Aircraft via Active Control," (with K. Laba and S. Padula) to appear *J. of Combinatorial Optimization*, Volume 1, Issue 3.

Below are all the talks given at conferences, seminars and colloquia in which research supported by the NASA contract was presented.

1. "Actuator Placement for Active Sound and Vibration Control of Cylinders," INFORMS/CSTS conference on Computer Science and Operations Research: Recent Advances in the Interface, Dallas, TX, January 7-10, 1996.
2. "Actuator Placement for Active Sound Control of Commuter Jets," (with Keith E. Laba) INFORMS National Meeting, Washington DC, May 5, 1996.
3. "Location Problems in Active Sound and Vibration Control of Cylinders," ISOLDE VII, Edmonton, Alberta (CANADA) June 27, 1996.
4. "Application of a Tabu Search Heuristic on the Problem of Active Structural Acoustic Control," (with K.E. Laba and S.L. Padula) Interior Noise Workshop, NASA Langley Research Center, Sept. 10-12, 1996.
5. "Location Problems Arising in Active Sound and Vibration Control of Cylinders," 43rd North American Meetings of the Regional Science Association International, November 14-17, 1996 Arlington, VA.
6. "Optimization Modeling in Active Sound and Vibration Control of Propeller Driven Aircraft," Virginia State University, November 21, 1996.
7. "Location Problems Arising in Active Sound and Vibration Control of Cylinders," Systems Engineering Department, U. of Virginia, Charlottesville, VA, February 7, 1997.
8. "Reactive Tabu Search for Location Problems in Quelling Cabin Noise in Turboprop Aircraft," 2nd International Conference on Metaheuristics, Sophia Antipolis, France, July 21-24, 1997.
9. "Actuator Selection for Control of Aircraft Interior Noise," Multi-Disciplinary Optimization Branch, NASA Langley Research Center, July 31, 1997.
10. "Actuator/Sensor Placement for Active Sound and Vibration Control in Turboprop Aircraft," Mechanical Engineering Graduate Seminar, Old Dominion University, October 10, 1997.